

ABSTRACT

The invention relates to novel foams obtained by highly concentrated internal phase emulsion polymerization, which are formed from a crosslinked, exclusively hydrocarbon, polymer based on styrenic monomers and which exhibit a density at least equal to 6 mg/cm^3 and at most equal to 20 mg/cm^3 and cells with a mean diameter at most equal to 20 microns.

It also relates to the process for the manufacture of these foams.